Notebook, N-05-12-21

18

2 2a no dis

3 good Solvent 3a no dis

5 very good dis - 5a dont

7 7a Colored

8 dis a little - 8a Solid crystals on evaporation at common temp bottle - see about this

9 - 9a nearly dis

11 11A nearly dis

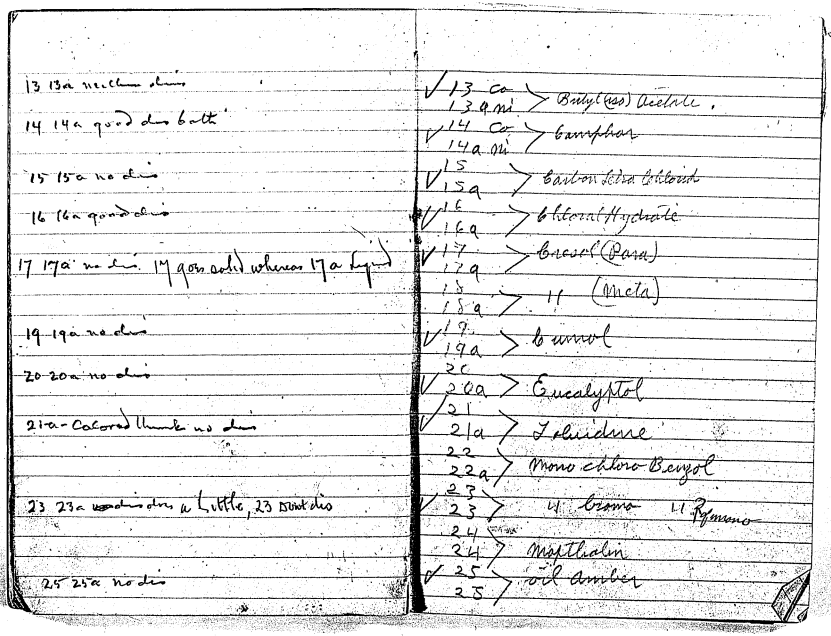
12 dis good 12a dont dis

19

Dec 21/05

Solubility of Cobalt and Nickel Sulphates in

1 > Chloroform
1a >
2 > CS2 dont.
2a >
3 > Ether dont.
3a >
4 > Allylic Alcohol
4a >
5 > Butyric "
5a >
6 > Amyl Nitrate
6a >
7 > Anilene (other Kind) "
7a >
8 > Benzaldehyde "
8a >
9 > Nitro Benzole "
9a >
10 > Carbolic Acid
10a >
11 > Benzoyl Chloride
11a >
12 > aldehyde dont.
12a >


13 13a neucleus clear
14 14a good dis both
15 15a no dis
16 16a good dis
17 17a no dis. 17 good solid whereas 17a liquid
19 19a no dis
20 20a no dis
21a - Colored thumb no dis
23 23a
13 Co
13a mi
Butyl (ass) Acetate
14 Co
14a mi
Camphor
15
15a
Carbon tetra chloride
16
16a
Chloral Hydrate
17
17a
Cresol (Para)
18
18a
" (Meta)
19
19a
Cumol
20
20a
Eucalyptol
21
21a
Iodoform
22
22a
Mono chloro Benzol
23
23a
4 Bromo 1 Pyrano
24
24a
Naphthalin
25
25a
Oil Amber

26 26a precip - 6 ep a well in both.

27 27a both good dies

28 28a dont dies

29 29a - dont dies

30 30a both dies

31 - colored

32 dies fair. think 32a dies some contrary

33 33a - 33 dies fair - 33a dont dies

34 34a neither dies

35 35a neither dies

36 36a neither dies

37 37a - 37 died) 37a dies

38 38a both dies

39 39 v Colored) dug

26 > Pyridine

27 > Alcohol Paralyzic

28 > Castor Oil

29 > Oil Hemlock

30 > Acid Meta boric acetic

31 > Amyl Iodide

32 > Oil Fusel

33 > Amylene hydrate

34 > Terbene

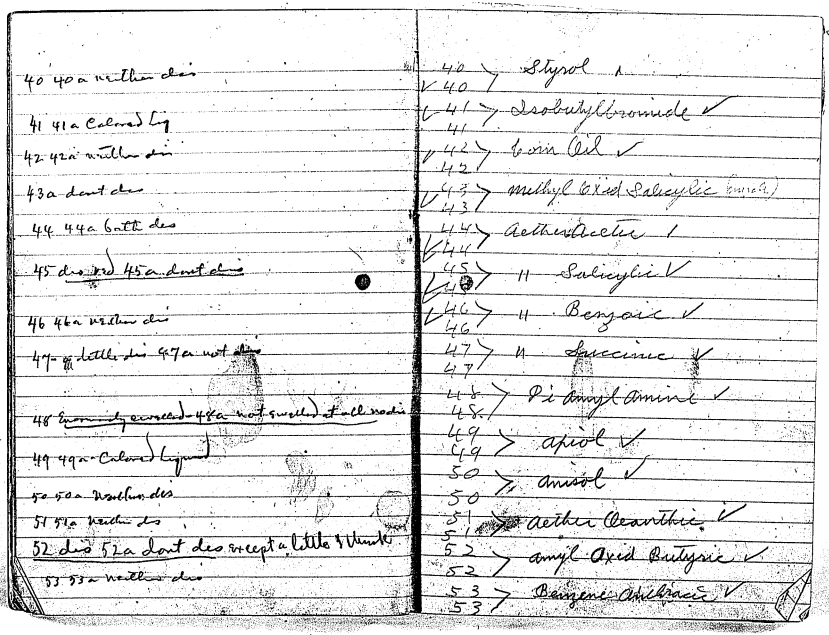
35 > Terpinol

36 > Terpineol

37 > Paraldehyde

38 > Filix dep (Fern)

39 > Brewers (Beechwood)


40 40a Methan dies
41 41a Calcined Lig
42 42a Methan dies
43a dont dies
44 44a Both dies
45 dies 45a dont dies
46 46a Methan dies
47 dothe dies 47a not dies
48 dies 48a not swollen at all no dis
49 49a Calcined Lignite
50 50a Methan dies
51 51a Methan dies
52 dies 52a dont dies except a little of them
53 53a Methan dies
40 > Styrol
40
41 > Isobutylbromide
41
42 > boric Acid
42
43 > Methyl Oxid Salicylic (wrong)
43
44 > Aethylacetic
44
45 > " Salicylic
45
46 > " Benzoic
46
47 > " Succinic
47
48 > Di Amyl Amine
48
49 > Apiol
49
50 > Anisol
50
51 > Aether Oleanthic
51
52 > Amyl Oxid Butyric
52
53 > Benzene Aldehyde
53

54 54a well dis both dis.

56 56a Sol colored

57 57a Sol Colord cant see if dis

58 58a mellow dis

59 ca good dis - 59 - good but red

60 60a both dis good

61 61a apparently neither dis

62 62a neither dis

63 63a 63 dis some trifle 62a apparently none dis

64 dis some 65a dont dis apparently

65a slight dis no 65

66 66a 66 slight dis 66a Cant see any dis

54 > Methyl Oxid Benzoin ✓
54

55 > Acetal
55

56 > Methyl Anilin ✓
56

57 > Methyl Diphenylamine ✓
57

58 > Carbon Bi chloride ✓
58

59 > Hydroxylamine Hydrochlorate ✓
59

60 > Nitro Rether ✓
60

61 > Mono Chloro phenol ✓
61

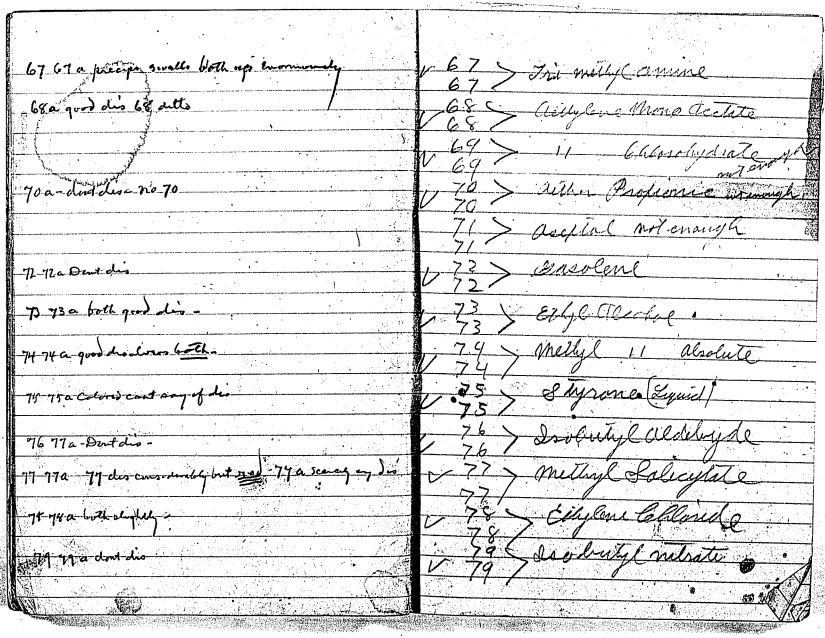
62 > Dibutyl sebacylat ✓
62

63 > Anthin Oxalic ✓
63

64 > Amyl Oxid Formic ✓ not enough
64

65 > Hyphon not enough
65

66 > Amyl Butyrate
66

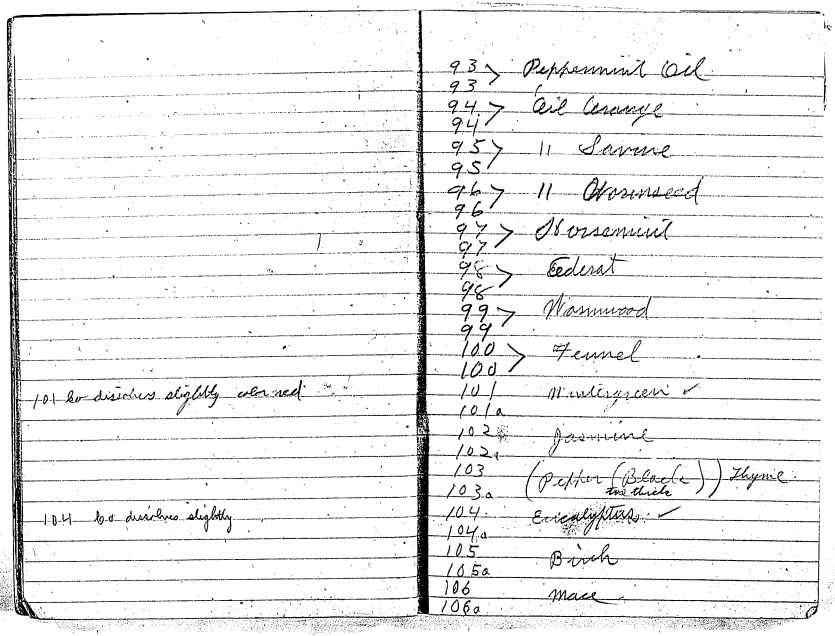

67 67a precipn smalls both up enormously
68a good dis 68 atts
70a - dont dis - no 70
72 72a Dont dis
73a both good dis -
74 74a good dis colours both
75 75a Colors cant any of dis
76 77a - Dont dis -
77 77a 77 dis enormously but 77a scanty ppt
78 78a both slightly -
79 79a dont dis
67 67 Tri Methyl amine
68 68 Diethylene Mono Acetate
69 69 " Chlorohydrate not enough
70 70 Allyl Bromide enough
71 71 Aseptol not enough
72 72 Resorcine
73 73 Ethyl Alcohol
74 74 Methyl " absolute
75 75 Styrone (Liquid)
76 76 Isobutyl Aldehyde
77 77 Methyl Salicylate
78 78 Ethylene Chloride
79 79 Isobutyl nitrate

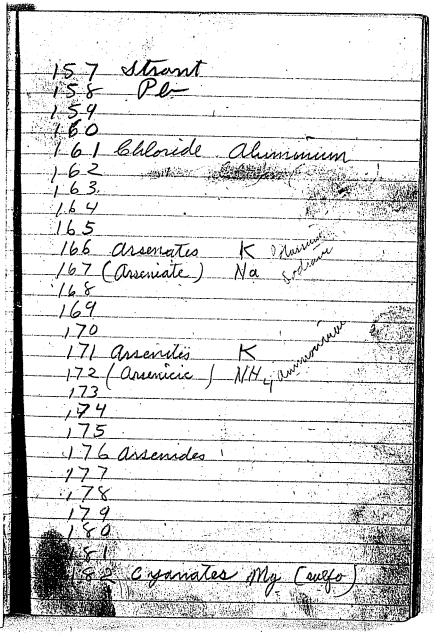
80 80a both dissolve in kettle

81 81a precipitates ; swells up enormously

Both dissolve - Co Red.

80 > Papaverin
80
81 > Piccolin
81
82 > Isopropyl Citrate
82
83 > Oxyfedrine
83
84 > Naphthalene Monosulfonat (alpha)
84
85 > Methylene Iodide
85
86 > Quinolin
86
87 > Oil Pennyroyal
87 1/2
88 > 7 received
88
89 > Lavender
89
90 > Juniper Berries
90
91 > Pear
91
92 > Rosemary
92


93 > Peppermint Oil
93
94 > Oil Orange
94
95 > " Lemon
95
96 > " Rosemead
96
97 > Horsemint
97
98 > Fennel
98
99 > Rosemood
99
100 > Fennel
100
101 Wintergreen ✓
101a
102 Jasmine
102a
103 (Pepper (Black) Thyme
103a
104 Eucalyptus ✓
104a
105 Birch
105a
106
106a
101 bo discolors slightly when red
104 bo discolors slightly


157 stront
158 Pb—
159
160
161 Chloride Aluminium
162
163
164
165
166 Arseniates K
167 (Arseniate) Na
168
169
170
171 Arsenites K
172 (Arsenite) NH_4
173
174
175
176 Arsenides
177
178
179
180
181
182 Cyanates Mg (cyano)